Figure 1

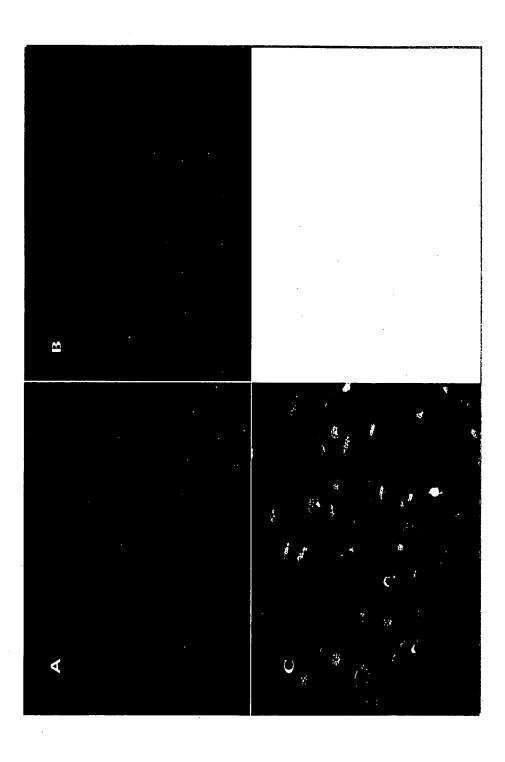


Figure 2

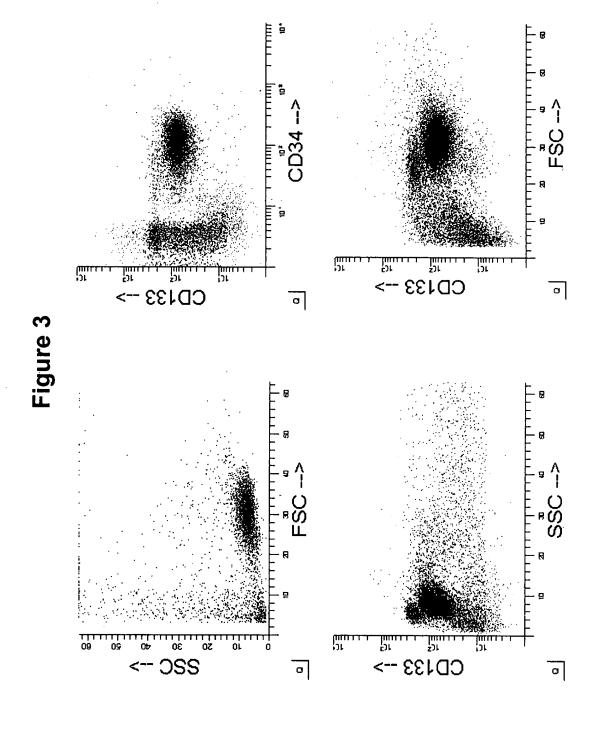
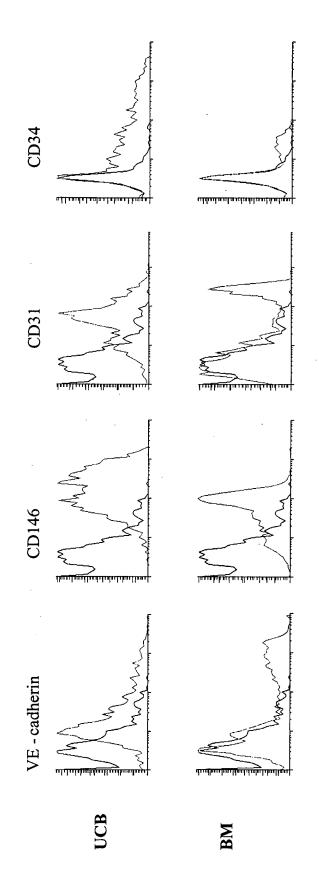


Figure 4



28 Time after EPC injection (days) ..... Media (n=3) - BM (n=14) 0 0.5 9.0 0.3 0.2 ischemic/non-ischemic leg Ratio of flow in

Figure 5

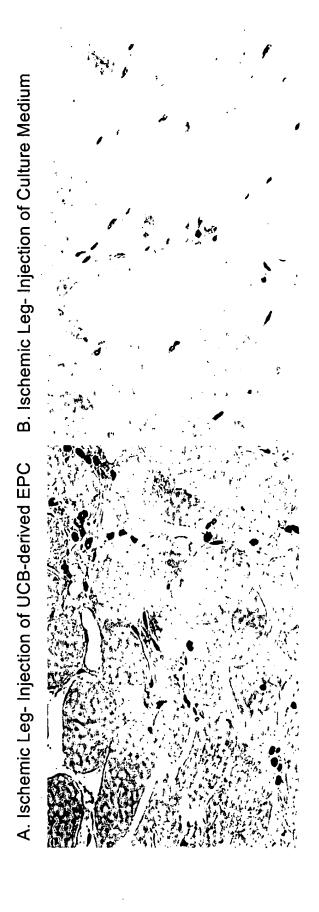


Figure 7

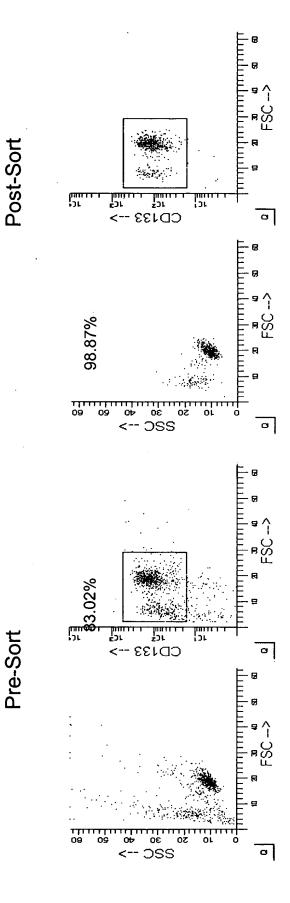
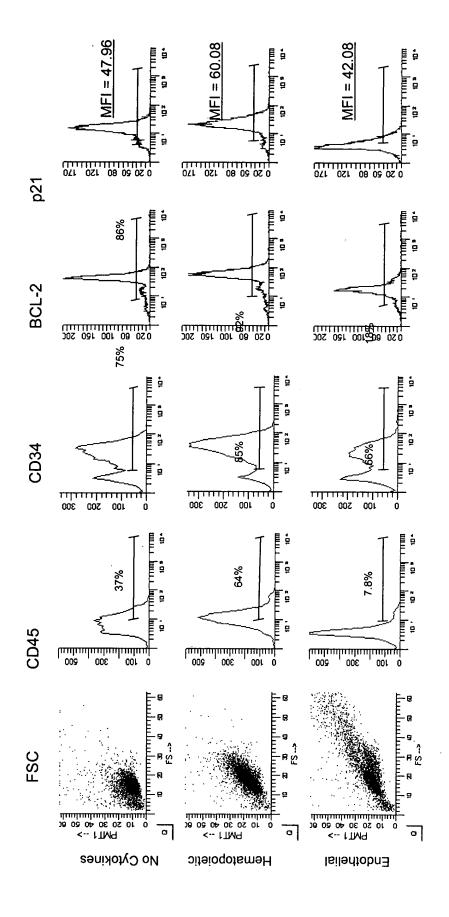


Figure 8



 $G_0 = 94\%$ S = 3.1%  $G_2/M = 1.4\%$ 300 100 200 Mumber Hematopoietic  $G_2/M = 0.8\%$ Endothelial  $G_0 = 93\%$ Figure 9 Number 累  $G_0 = 72\%$ S = 15% Hematopoietic No Cytokines  $G_0 = 98\%$ S = 0.8%  $G_2/M = 0\%$ Ħ െ E 명 R ₽ 100 SOO 300 )rr 008 005 00S 0 Mumber Mumber 묽  $G_2/M = 0.32\%$  $G_2/M = 0.2\%$  $G_0 = 99\%$ S = 0.6% Uncultured  $G_0 = 97\%$ S = 1% 묽 Uncultured 夿 ₽ 8 E 8 R rr 008 009 002 0 008 <u>ահառնա</u> 000 001 0 <u>Առուսականակ</u> **N**nmber Number

28 Time after EPC injection (days) Saline (n=1) EPC(n=1) 9.0 0.3 ischemic/non-ischemic leg Ratio of flow of

Figure 10

Figure 11

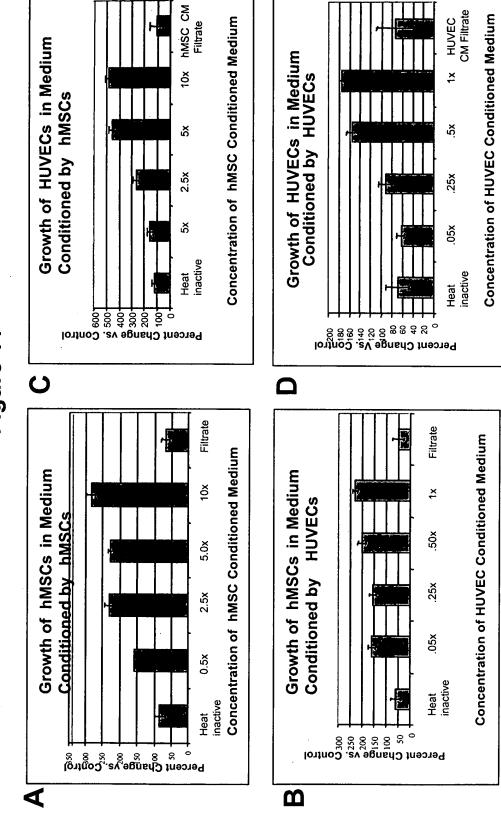
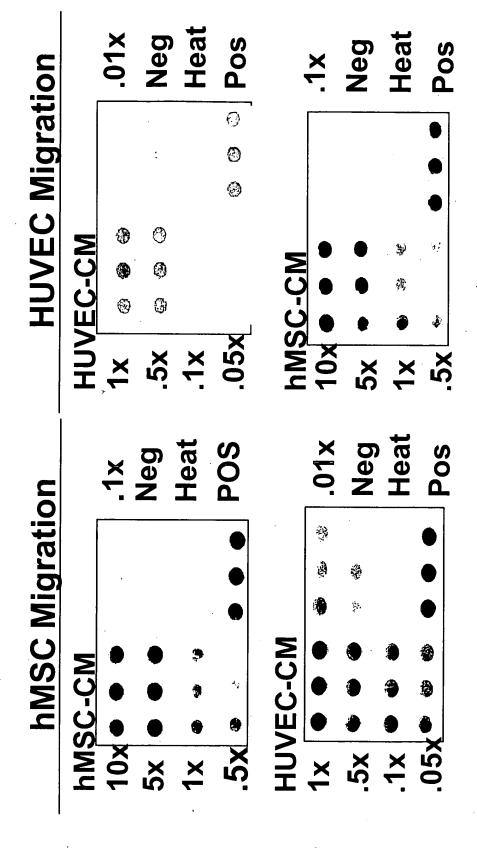


Figure 12



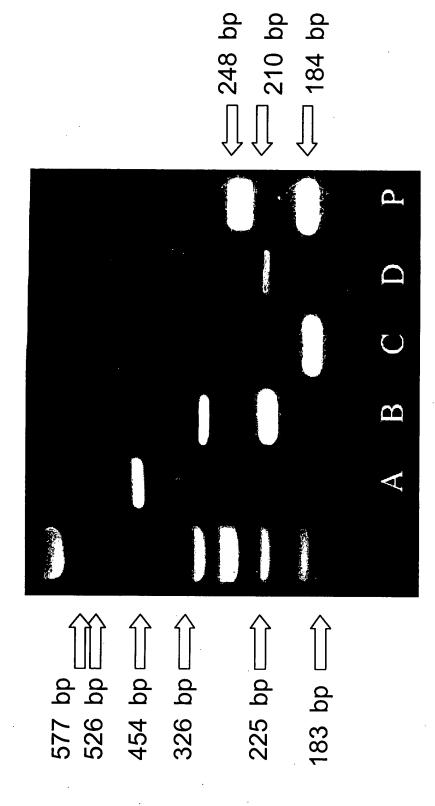
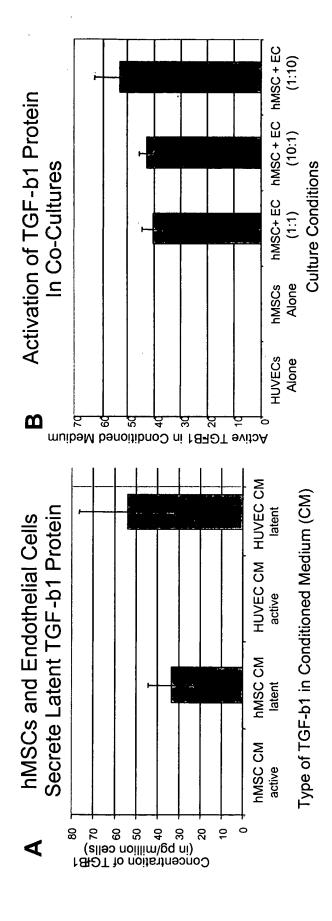
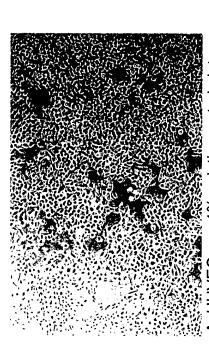


Figure 14

Figure 15



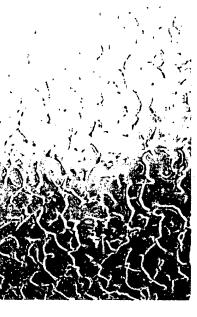
## Figure 16



A. HUVECs on 1% gelatin coated plate.



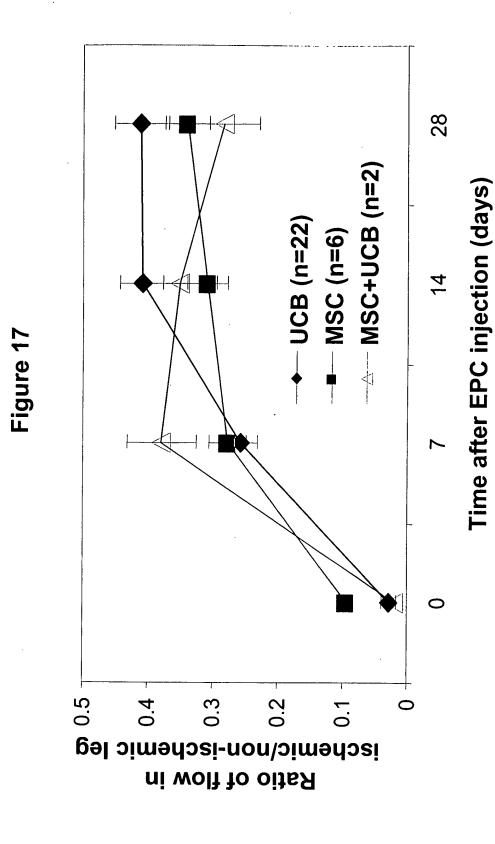
C. Dil stained hMSCs 1 hour after addition to HUVECs in 3D collagen gel.



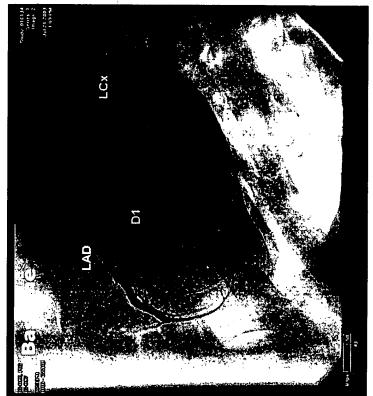
B. HUVECs in Vitrogen 3D collagen gel



D. Dil stained hMSCs 72 hours after addition to HUVECs in 3D collagen gel.







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